

ABBREVIATION LEGEND

& AND	
A AIR (CLINICAL)	
AAP ALARM ANNUNCIATOR PANEL	
AV AUTOMATIC AIR VENT	
AB ANCHOR BOLT	
ABV ABOVE	
ACC DR ACCESS DOOR	
ACFL ACCESS	
ACUS ACOUSTICAL	
ACT ACOUSTICAL CEILING TILE	
AD AREA DRAIN	
ADA AMERICAN DISABILITIES ACT	
ADD ADDENDUM	
ADDX ADDITIONAL	
ADJ ADJUSTABLE	
ADMIN ADMINISTRATION	
AFF ABOVE FINISH FLOOR	
AFG ABOVE FINISHED GRADE	
AFMD AIR FLOW MEASURING DEVICE	
AHU AIR HANDLING UNIT	
AL ALIGN	
ALT ALTERNATE	
ALUM ALUMINUM	
AMP AMPERE	
AP ACCESS PANEL	
APC ARCHITECTURAL PRECAST CONCRETE	
APPROX APPROXIMATE	
ARCH ARCHITECTURAL	
ASY ASYMMETRIC	
ATC AUTOMATIC TEMPERATURE CONTROL	
ATS AUTOMATIC TRANSFER SWITCH	
AUTO AUTOMATIC	
AWT AVERAGE WATER TEMPERATURE	
BAT BATTERY	
BC BALANCING COOK OR BARE COPPER	
BDD BACKDRAFT DAMPER	
BFC BELOW FINISH CEILING	
BFE BOTTOM FOOTING ELEVATION	
BFG BELOW FINISHED GRADE	
BG BUMPER GUARD	
BLDG BUILDING	
BLKG BLOCKING	
BLT BURNED LIGHT	
BLW BELOW	
BM BEAM	
BO BY OWNER	
BOF BY OWNER FUTURE	
BOT BOTTOM	
BR BRICK	
BRG BEARING	
BRKR BREAKER	
BSMT BASEMENT	
BTWN BETWEEN	
BUR BUILT UP ROOFING	
C CONDUIT	
CAB CABINET	
CANTL CANTILEVER	
CAP CAPACITY	
CATV CABLE TELEVISION	
CCT CUBIC CURTAIN TRACK	
CCTV CLOSED CIRCUIT TELEVISION	
CFH CUBIC FEET / HOUR	
CFM CUBIC FEET / MINUTE	
CH CHANNEL	
CHK V CHECK VALVE	
CHWR CHILLED WATER RETURN	
CHWS CHILLED WATER SUPPLY	
CHWSR CHILLED WATER SUPPLY AND RETURN	
CJ CONTROL JOINT	
CKT CIRCUIT	
CKT BRKR CIRCUIT BREAKER	
CL CENTERLINE	
CLG CEILING	
CLO MTD CEILING MOUNTED	
CLR CLEAR	
CMU CONCRETE MASONRY UNIT	
COL COLLUM	
COMM COMMUNICATION	
CONC CONCRETE	
CONN CONNECTION	
CONST CONSTRUCTION	
CONT CONTINUE / CONTINUOUS	
CONTR CONTRACTOR	
CONV CONVECTOR	
COORD COORDINATE	
CORR CORROD	
CPT CARPET OR CONTROL POWER TRANSFORMER	
CTR CERAMIC TILE	
CU COPPER	
CV CONTROL VALVE	
CW COLD WATER	
D DEPTH OR DEEP	
DB DRY BULB	
DB DECEBEL	
DCW DOMESTIC COLD WATER	
DEMO DEMOLITION	
DEPT DEPARTMENT	
DET DETAILS	
DF DRINKING FOUNTAIN	
DHW DOMESTIC HOT WATER	
DIA DIAMETER	
DIAG DIAGONAL OR DIAGRAM	
DIFF DIFFUSER	
DM DIMENSION	
DISC DISCONNECT	
DISCH DISCHARGE	
DISP DISPENSER	
DIST DISTRIBUTION	
DIV DIVISION	
DL DOWN LIGHT	
DN DOWN	
DP DISTRIBUTION PANEL	
DR DAMPER	
DR DRAIN	
DS DOWNSPOUT	
DWG DRAWING	
DX DIRECT EXPANSION	
EA EXHAUST AIR	
EAT ENTERING AIR TEMPERATURE	
EC ELECTRICAL CONTRACTOR	
EDB ENTERING DRY BULB	
EF EXHAUST FAN	
EFS EXTERIOR INSULATION AND FINISHING SYSTEM	
EJ EXPANSION JOINT	
EL ELEVATION	
ELEC ELECTRICAL	

ELEC CAB ELECTRICAL CABINET	
ELEV ELEVATOR	
EMER EMERGENCY	
ENCL ENCLOSURE	
ENTR ENTRANCE	
EO ELECTRICAL OUTLET	
EQ EQUAL	
EQUI EQUIPMENT	
ETR EXISTING TO REMAIN	
EWB ENTERING WET BULB	
EWC ELECTRICAL WATER COOLER	
EWT ENTERING WATER TEMPERATURE	
EX EXHAUST	
EXIST EXISTING	
EXP EXPANSION	
EXT EXTERIOR	
XPT EXPLOSION PROOF	
FIS FIRE / SMOKE DAMPER	
FAIR FIRE ALARM	
FAFP FIRE ALARM ANNUNCIATOR PANEL	
FACP FIRE ALARM CONTROL PANEL	
FAT FINAL AIR TEMPERATURE	
FBI FIRE BLANKET	
FC FLEXIBLE CONNECTION OR FOOTCANDLE	
FD FLOOR DRAIN OR FIRE DAMPER	
FEX FOUNDATION	
FDV FIRE DEPARTMENT VALVE	
FE FIRE EXTINGUISHER	
FEC FIRE EXTINGUISHER CABINET	
FH FIRE HOSE	
FHC FIRE HOSE CABINET	
FHP FULL HEIGHT PARTITION	
FHV FIRE HOSE VALVE	
FIN FINISH	
FIXT FIXTURE	
FL FLOOR LINE	
FLA FULL LOAD AMPERES	
FLASH FLASHING	
FLEX FLEXIBLE	
FLG FLANGE	
FLG C FLANGE CONNECTION	
FLR FLOOR	
FLUOR FLUORESCENT	
FR FIRE PROOFING	
FRMG FRAMING	
FS FLOOR SINK	
FSTOP FIRESTOPPING	
FT FOOT / FEET	
FT HD FEET OF HEAD	
FTC FOOTCANDLES	
FTG FOOTING	
FUR FURNISHING	
G GAS OR ELECTRICAL GROUND	
GA GAUGE	
GALV GALVANIZED	
GR CABINET	
GC GENERAL CONTRACTOR	
GEN GENERATOR	
GENL GENERAL	
GFCI GROUND FAULT CIRCUIT INTERRUPTOR	
GL GLASS	
GLV GLOSS VALVE	
GND GROUND	
GPM GALLONS PER MINUTE	
GR GRADE	
GRAV GRAVITY	
GRD BM GRADE BEAM	
GV GATE VALVE	
GWB GYPSUM BOARD	
H HIGH	
HB HOSE BIB	
HC HEATING CONTRACTOR	
HDCP HANDICAP	
HDR HEADER	
HDW HARDWARE	
HID HIGH INTENSITY DISCHARGE	
HML HOLLOW METAL	
HORIZ HORIZONTAL	
HP HORSE POWER	
HPD HIGH PRESSURE DRIP	
HPF HIGH POWER FACTOR	
HR HANDRAIL	
HSPK HOUSEKEEPING	
HT HEIGHT	
HTG HEATING	
HTR HEATER	
HV HIGH VELOCITY	
HVAC HEATING, VENTILATING, AIR CONDITIONING	
HW HOT WATER	
HWD HARD WOOD	
HWR HOT WATER RETURN	
HWS HOT WATER SUPPLY	
HWS&R HOT WATER SUPPLY AND RETURN	
HZ HERTZ	
ID INSIDE DIAMETER	
IER INVERTED ECCENTRIC REDUCER	
IG ISOLATED GROUND	
IME INSULATED METAL ENCLOSURE	
IN INCH	
INCAND INCANDESCENT	
INCL INCLUDED	
INSUL INSULATION	
INT INTERIOR	
INTERL INTERLOCK	
INV INVERT	
ISO ISOLATION	
ISV ISOLATED VALVE STATION	
J-BOX JUNCTION BOX	
JST JOIST	
JOINT JOINT	
KO KNOCK OUT	
KVA KILOVOLT AMPERE	
KVAR KILOWATT (REACTANCE)	
KW KILOWATT	
KWH KILOWATT HOUR METER	
LAT LEAVING AIR TEMPERATURE	
LAV LAVATORY	
LB POUND	
LDB LEAVING DRY BULB	
LED LIGHT EMITTING DIODE	
LF LINEAR FEET	
LIN LINEAR	
LOC LOCATION OR LOCATE	
LPT LOW POINT	
LSDC LINEAR SUPPLY DIFFUSER CEILING	
LT LIGHT	

LTG LIGHTING	
LV LOW VOLTAGE	
LVR LOUVER	
LWB LEAVING WET BULB	
LWC LINEAR WOOD CEILING	
LWT LEAVING WATER TEMPERATURE	
MAN MANUAL	
MAT MIXED AIR TEMPERATURE	
MATL MATERIAL	
MV MANUAL AIR VENT	
MAX MAXIMUM	
MBH ONE THOUSAND BTU / HOUR	
MC MECHANICAL CONTRACTOR	
MC METAL CLAD CABLE	
MCS MAIN CIRCUIT BREAKER	
MCC MOTOR CONTROL CENTER	
MCP MAIN DISTRIBUTION PANEL	
MECH MECHANICAL	
MEBR MEMBRANE	
MET METAL	
MFR MANUFACTURER	
MH MANHOLE	
MN MINIMUM	
MSC MISCELLANEOUS	
MLO MAIN LUGS ONLY	
MO MASONRY OPENING	
MOD MOTOR OPERATED DAMPER	
MONO MONOLITHIC	
MTD MOUNTED	
MTG HT MOUNTING HEIGHT	
MTL METAL	
MTLH METAL HALIDE	
MTR MOTOR	
MVS MANUAL TRANSFER SWITCH	
MTV MEDIUM VOLTAGE	
NA NOT APPLICABLE	
NEC NATIONAL ELECTRIC CODE	
NEMA NATIONAL ELECTRICAL MANUFACTURER ASSOCIATION	
NC NOT IN CONTRACT	
NL NIGHT LIGHT	
NO NUMBER OR NORMALLY OPEN	
NOM NOMINAL	
NTS NOT TO SCALE	
O OXYGEN	
OA OUTSIDE AIR	
ODD OPPOSED BLADE DAMPER	
OC ON CENTER	
OD OUTSIDE DIAMETER	
OPER OPERATED	
OPNG OPENING	
OPP OPPOSITE	
ORD OVERFLOW ROOF DRAIN	
PB PULL BOX	
PC PLUMBING CONTRACTOR	
PD PUMP DISCHARGE	
PCB CABINET	
PL PROPERTY LINE	
PLAM PLASTIC LAMINATE	
PLBG PLUMBING	
PLN PANEL	
PR PAIR	
PRD PRESSURE DIFFERENTIAL VALVE	
PRELIM PRELIMINARY	
PRT PRESSURE TAP	
PRV PRESSURE REDUCING VALVE	
PT PAINT OR POTENTIAL TRANSFORMER	
RO ROUGH OPENING	
QT QUARRY TILE	
R RADIATOR	
RA RETURN AIR / RELIEF AIR	
RB RUBBER BASE	
RC REMOVE COMPLETELY	
RD ROOF DRAIN	
RE RELOCATE EXISTING	
REC RECESSED	
RECP RECEPTACLE	
REF REFERENCE	
REFL REFLECTOR	
REG REGISTER	
REINF REINFORCING	
REM REMOVE	
REQD REQUIRED	
RET RETURN	
REV REVISE	
REX REMOVE EXISTING	
RF RESILIENT FLOOR	
RFI REQUEST FOR INFORMATION	
RGS RIGID GALVANIZED STEEL CONDUIT	
RH ROOF HATCH	
RM ROOM	
RN REMOVE AND REPLACE WITH NEW	
RR REMOVE AND REPLACE	
RS RAPID START	
RV RELIEF VALVE	
RWC RAIN WATER CONDUCTOR	
SA SUPPLY AIR	
SAN SANITARY SEWER ABOVE GROUND	
SAN-BUR SANITARY SEWER - BURIED EXISTING TO REMAIN	
SAN-XR SANITARY SEWER ABOVE GROUND - EXISTING TO REMAIN	
SCHED SCHEDULE	
SD SMOKE DAMPER OR SMOKE DETECTOR	
SDSP SOAP DISPENSER	
SF SQUARE FOOT	
SHT SHEET	
SHT MTL SHEET METAL	
SHTG SHEATHING	
SM SIMILAR	
SM SURFACE MOUNTED	
SNC SANITARY NAPKIN CABINET	
SND SANITARY NAPKIN DISPOSER	
SP STANDOFF OR STATIC PRESSURE	
SPC SPECIMEN PASS-THRU CABINET	
SPEC SPECIFICATIONS	
SPS STATIC PRESSURE SENSOR	
SR SERVICE RECEPTOR	
SS SOL STACK	
ST PR STATIC PRESSURE	
ST STL STAINLESS STEEL	
STD STANDARD	
STER STERILIZER	
STL STEEL	
STOR STORAGE	
STR STRAINER	
STRUCT STRUCTURAL	
SUSP SUSPENDED	
SW SWITCH	

SWBD SWITCHBOARD	
SWGR SWITCHGEAR	
SYM SYMMETRICAL TOP	
T TOP	
TA THROWAWAY	
TAN TANGENT	
TC TELECOMMUNICATIONS CONTRACTOR	
TCV TEMPERATURE CONTROL VALVE	
TDV TRIPLE DUTY VALVE	
TEL TELEPHONE	
TEMP TEMPERATURE	
TER TERRAZZO	
TG TONGUE & GROOVE	
TH THERMOMETER	
THRES THRESHOLD	
TR TEMPERATURE RISE	
TRANS TRANSITION	
TRANSR TRANSFORMER	
TSTAT THERMOSTAT	
TV TURNING VANES OR TELEVISION	
TYP TYPICAL	
UC UNDER CABINET OR UNDER CUT	
UFD UNDER FLOOR DUCT	
UG UNDERGROUND	
UH UNIT HEATER	
UL UNDERWRITER'S LABORATORIES	
UNFIN UNFINISHED	
UNO UNLESS NOTED OTHERWISE	
UPS UNINTERRUPTIBLE POWER SUPPLY	
UTIL UTILITY	
V VOLT	
VAL VALVE	
VD VOLUME DAMPER	
VENT VENTILATION	
VERT VERTICAL	
VFS VENTURI FLOW	
VIF VERIFY IN FIELD	
VL VENT LINE	
VR VAPOR RETARDER	
VS VENT STACK	
VTR VENT THROUGH ROOF	
W WATT	
WI WITH	
W/O WITHOUT	
WB WET BULB	
WC WALL COVERING	
WCL WATER CLOSET	
WD WOOD	
WF WIDE FLANGE	
WFM WATER FLOW MEASURING DEVICE	
WC WHEEL CHAIR	
WIN WINDOW	
WMS WIRE MESH SCREEN	
WP WEATHERPROOF	
WPS WALL PROTECTION SYSTEM	
WSCOT WAINSCOT	
WT WINDOW TREATMENT	
WTD WATER TEMPERATURE DROP	
WWF WELDED WIRE FABRIC	
X DEMO	
XN TO BE RELOCATED / NEW LOCATION	
XR EXISTING TO REMAIN	
ZVB ZONE VALVE BOX	
ZVC ZONE VALVE CABINET	

FIRE ALARM SYSTEM INPUT/OUTPUT MATRIX

FIRE ALARM SYSTEM INPUT/OUTPUT MATRIX	ACTUATE COMMON ALARM SIGNAL INDICATOR	ACTUATE AUDIBLE ALARM SIGNAL	ACTUATE COMMON SUPERVISORY SIGNAL INDICATOR	ACTUATE AUDIBLE SUPERVISORY SIGNAL INDICATOR	ACTUATE COMMON TROUBLE SIGNAL INDICATOR	ACTUATE AUDIBLE TROUBLE SIGNAL	ACTUATE ZONE OR DETECT ADDRESS ALARM INDICATOR	ACTUATE GENERAL EVACUATION SIGNAL	DISPLAY CHANGE OF STATUS	TRANSFER FIRE ALARM SIGNAL TO CENTRAL STATION	DE-POWER POWER ASSISTED FIRE DOORS	TRANSMIT SUPERVISORY SIGNAL TO CENTRAL STATION	TRANSMIT TROUBLE SIGNAL TO CENTRAL STATION	RELEASE MAGNETICALLY HELD DOORS	RECALL ELEVATOR TO ALTERNATE RECALL FLOOR	ACTUATE WARNING TO ELEVATOR CAB	DELAYED REMOVAL OF POWER FROM ELEVATOR	CLOSE ALL SMOKE DAMPERS	UNLOCK EXITS AND CONTROL DOORS	SHUT DOWN RESPECTIVE AIR HANDLING UNIT	ACTUATE FLOOR PRESSURIZATION	ACTUATE STAIRWELL PRESSURIZATION	ACTUATE SMOKE EXHAUST
FIRE ALARM SYSTEM AC POWER FAILURE				X	X								X										
FIRE ALARM SYSTEM LOW BATTERY						X	X																
OPEN CIRCUIT						X	X																
GROUND FAULT						X	X																
NOTIFICATION APPLIANCE CIRCUIT SHORT																							
BUILDING MANUAL PULL STATIONS	X	X						X	X	X	X	X						X	X				
CORRIDOR SMOKE DETECTORS	X	X						X	X	X	X			X	X			X	X		X	X	X
AREA SMOKE DETECTORS	X	X						X	X	X	X			X	X			X	X		X	X	X
HVAC AIR DUCT SMOKE DETECTORS				X	X			X				X						X	X		X	X	X
AREA HEAT DETECTORS	X	X						X	X	X	X			X	X			X	X		X	X	X
HOOD OR ROOM FIRE SUPPRESSION SYSTEM	X												X	X	X			X	X				
SPRINKLER TAMPER SWITCH	X			X	X																		
SPRINKLER WATER FLOW IN BUILDING	X	X						X	X	X	X												
SPRINKLER WATER FLOW IN ELEV EQUIPMENT ROOM OR SMOKE DETECTORS	X							X	X	X	X												
ELEV SHAFT AND ELEV EQUIPMENT ROOM SMOKE DETECTORS	X							X	X	X	X												
ELEV SHAFT AND ELEV EQUIPMENT ROOM HEAT DETECTORS	X							X	X	X	X												
ELEV LOBBY SMOKE DETECTORS UPPER FLOORS	X							X	X	X	X										X	X	X
ELEV LOBBY SMOKE DETECTORS RECALL FLOORS	X							X	X		X										X	X	X
ELEV CONTROLLER POWER SHUNT TRIP STATUS				X	X																		
FIRE PUMP POWER FAILURE/PHASE REVERSAL	X	X		X	X			X	X	X	X			X	X			X	X				
FIRE PUMP RUNNING	X	X											X										
FIRE PUMP SYSTEM NOT IN AUTOMATIC				X	X								X										
LEGALLY REQUIRED GENERATOR SYSTEM LOW FUEL				X	X								X										
LEGALLY REQUIRED GENERATOR SYSTEM NOT IN AUTOMATIC				X	X								X										